

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 USC § 371**

DATE:  
June 20, 2005  
ATTORNEY DOCKET NUMBER  
59181US004  
U.S. APPLICATION NO.  
(if known, see 37 CFR 1.15)

**107539952**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/EP2003/013915	December 9, 2003	December 20, 2002

**TITLE OF INVENTION****DENTAL MATERIAL WITH BACTERISTATIC AND/OR BACTERICIDAL SUBSTANCES****APPLICANT(S) FOR DO/EO/US**

Ingo Haeberlein, Bettina Richter

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 USC § 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC § 371.
3.  This is an express request to begin national examination procedures (35 USC § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 USC § 371(c)(2)).
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 USC § 371(c)(2)).
  - a.  is attached hereto
  - b.  has been previously submitted under 35 USC § 154(d)(4)
7.  Amendments to the claims of the International Application under PCT Article 19 (35 USC § 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau
  - c.  have not been made; however, the time limit for making such amendments has NOT expired
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 USC § 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 USC § 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC §§ 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR §§ 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR § 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR §§ 1.821 – 1.825.
18.  A second copy of the published international application under 35 USC § 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 USC § 154(d)(4).
20.  Other items or information:

**Filing of Papers and Fees by Express Mailing**

Pursuant to 37 CFR § 1.10, this application and the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit

Express Mail Label No.

June 17, 2005

**EV611428012US**

Customer Number for  
**Correspondence Address:**

**32692**

U.S. APPLN. NO. (if known, see 37 CFR § 1.5): <b>10/539952</b>		INTERNATIONAL APPN. NO.: PCT/EP2003/013915		ATTORNEY'S DOCKET NO.: 59181US004	
<input checked="" type="checkbox"/> The following fees are submitted.					
21. <input checked="" type="checkbox"/> Basic national fee.....		\$300.00		Calculations	PTO Use Only
22. <input checked="" type="checkbox"/> Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....		\$100.00			
All other situations.....		\$200.00		200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....		\$100.00			
International Search Report prepared and provided to the Office.....		\$400.00			
All other situations.....		\$500.00		500.00	
<b>TOTAL OF 21, 22 and 23=</b>				<b>\$1,000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
SHEET CALCULATION		NUMBER FILED	EXTRA	RATE	Fees
Size Fee for each add'l 50 sheets of appln. over 100		16	-100	0	\$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR § 1.492(e)).					\$0.00
CLAIMS		NUMBER FILED	EXTRA	RATE	Fees
Total claims		16	- 20 =	0	x \$50.00
Independent claims		3	- 3 =	0	x \$200.00
Add'l fee for one or more multiple dependent claims				\$360.00	\$0.00
				<b>Total Amount Due</b>	<b>\$1,000.00</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR § 1.27. The fees indicated above are reduced by 1/2.					
				<b>SUBTOTAL =</b>	<b>\$1,000.00</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR § 1.492(f)).					\$0.00
				<b>TOTAL NATIONAL FEE =</b>	<b>\$1,000.00</b>
Fee for recording the enclosed assignment (37 CFR § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR §§ 3.28, 3.31). \$40.00 per property					\$0.00
				<b>TOTAL FEES ENCLOSED =</b>	<b>\$1,000.00</b>
				Amount to be \$ refunded:	
				Amount to be \$ charged:	<b>\$1,000.00</b>
<p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-3723</u> in the amount of \$1000.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-3723</u> A duplicate copy of this sheet is enclosed</p>					
NOTE: Where an appropriate time limit under 37 CFR § 1.495 has not been met, a petition to revive (37 CFR § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
Signature 					
Name: <b>SEAN J. EDMAN</b>		Registration Number: <b>42,506</b>			
Address: Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427					